

WEEKLY STATUS REPORT #8
Parcel E Standard Data Gaps Investigation
Hunters Point Shipyard, San Francisco, California
January 24, 2003

1. WORK ACCOMPLISHED THIS WEEK

FIELD WORK

Phase II Onshore Data Gap Investigation

- ITSI has completed the all soil borings including the re-samples due to lab-related errors. A detailed discussion of the event predicating this effort is described below in the Laboratory Data section.
- The following borings encountered refusal with the auger rig.
IR14B023; IR14B032; IR15B033; IR15B034; IR38B009; IR02B466.



Using an all-terrain rig adjacent to the Tank S-505 area

The Navy will review a proposed plan to:

- Drill the above borings using an alternate drilling technique or relocate some or all of the borings to obtain the desired samples, or;
- Eliminate these boring from the list utilizing adjacent soil boring/analytical data to meet the data quality objectives.

As of 1-21-03, 359 borings have been completed with 22 complete refusals.

- QC procedures followed:
 - collection of MS/MSD samples,
 - Preparation of daily rinsate samples for each rig and trip blanks for each cooler containing samples for volatile organic analyses.
 - Entering information on the chain-of-custody forms accompanying each cooler to the laboratory.

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- Data-entry procedures for field information:
 - Entering sample location and chain-of-custody information into the sample tracking database, and e-mail the information nightly to Tetra Tech.
 - Entering geologic information from the boring logs into the boring log database, and upload the information nightly to Tetra Tech.
 - Entering the results of each day's drilling efforts into the drilling database.

EXCAVATION OF FIRING RANGE BACKSTOP

- Excavation of the remaining wings at the Firing Range Backstop was completed on 12/23/02. Excavated soil is stockpiled and covered within the fenced-in area at the firing range adjacent to the backstop.



Soil Stockpiled from Pistol Range backstop Excavation

LABORATORY ANALYSIS

Laboratory analyses of soil and aqueous samples (rinsates and trip blanks) from Phase II continued. Samples from 1/9/03 on will have all analytical tests performed at the secondary laboratory, due to a backlog in analysis and data reporting at the primary lab.

Several batches of samples had been determined to be in need of re-sampling, due to the fact that the sample preparation (extraction) was performed well beyond the hold time recommended by EPA. The term "hold time" refers to a duration of time after a sample has been collected, within which the samples should be extracted in order for the results to be considered acceptable. Additionally, several samples needed re-sampling due to other QC issues which occurred during the initial analysis. Re-sampling began on 1/15/03.

ITSI had several discussions about acceptability of data from samples prepared beyond the recommended hold times. After consultation with the Navy, it was decided that data from samples extracted grossly beyond the hold time were not acceptable. Therefore, all locations where holding time was exceeded were re-sampled.

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ITSI continued to be in communication with primary and secondary laboratory project managers; reviewed analysis issues; reviewed status of analytical batches, cleanup procedures and sample throughput.

DATA MANAGEMENT

The primary lab has submitted to date three electronic data deliverables (EDD) for review. EDD formatting issues persist; all three EDDs were deemed unacceptable. The desired changes were communicated to the lab which made the changes and re-submitted the EDDs. On Wednesday 1/15/03 another format issue was discovered, and the lab was notified that further changes were required, necessitating another re-submission of the EDDs. Revisions are anticipated next week.

The secondary lab has submitted twenty three data packages and EDD's for the hexavalent chromium analysis.

2. PROJECTED WORK NEXT WEEK

FIELD WORK

Borings will be implemented in IR03 beginning 1/27/03. All laboratory resamples have been collected with the exception of the borings that had refusal using auger drilling rigs.

LABORATORY ANALYSIS

ITSI will continue submitting samples for analysis, and will continue to work with Tetra Tech in resolving the issues discussed above. Field samples will be submitted to the secondary laboratory. Primary lab is continuing extraction and analysis of samples in it's possession. Analyses are projected to be completed by the first week of February.

DATA MANAGEMENT

According to the primary lab, five sample delivery groups are projected to arrive next week (week of 1/27/03).